

Spring 2019
CAS Teaching Assistant Positions

Chemistry

Teaching Assistant Position: 10 hours weekly

TA must be full-time (registered for 12+ credits) CAS undergraduates with senior-status or full-time graduate students in CAS graduate programs. TA candidates must be in good academic standing; a minimum GPA of 3.0 is required.

Supervisor: Prof. Edith Enyedy, Chemistry & Biochemistry Department

Contact: eenyedy@suffolk.edu or 617.573.8560

Course: **CHEM 111: General Chemistry I (Section A)**

Course Description: Fundamental principles of chemistry are discussed. Introduces atomic structure, stoichiometry, the periodic table, the nature of chemical bonds, and chemical reactions. This course is recommended for science majors or those considering careers in the health sciences.

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Supervisor: Prof. Denyce Wicht, Chemistry & Biochemistry Department

Contact: dwicht@suffolk.edu or 617.573.8252

Course: **CHEM 112: General Chemistry I (Section A)**

Course Description: This course is a continuation of General Chemistry I. Fundamental principles of chemistry are discussed. Introduces thermochemistry, gases, solution chemistry, chemical kinetics, chemical equilibrium, acid-base systems, and thermodynamics.

Physics

Teaching Assistant Position: 10 hours weekly

TA must be full-time (registered for 12+ credits) CAS undergraduates with senior-status or full-time graduate students in CAS graduate programs. TA candidates must be in good academic standing; a minimum GPA of 3.0 is required.

Supervisor: Prof. Oktay Demir, Physics Department

Contact: odemir@suffolk.edu or 617.573.8520

Course: **SCI 165: Inner Workings of the Physics Universe**

Course Description: About 15 billion years ago, (data indicate) the big bang occurred and the universe was born. With it came physical laws and a spectacular array of consequences that lead to the universe as we know it. This non-lab, 4 credit course explores the inner workings of the physical universe in terms of the scientific inquiry which lead to Newton's laws, an understanding of energy, waves, light, electricity, atomic structure, chemical reactions, nuclear physics, particle physics, relativity, and the big bang theory. During the course, students will learn to make use of modern resources to access scientific and technical literature to research a scientific topic. They will learn to distinguish between science and technology (e.g. quantum mechanics and nanotechnology, the discovery of the Higgs boson and the large hadron collider that made it possible, etc.) and to understand how the science, technology, and

engineering disciplines play a crucial role in recognizing and solving problems of society and the world that we share.

Psychology

Teaching Assistant Position: 10 hours weekly

TA must be full-time (registered for 12+ credits) CAS undergraduates with senior-status or full-time graduate students in CAS graduate programs. TA candidates must be in good academic standing; a minimum GPA of 3.0 is required.

Supervisor: Prof. David Gansler, Psychology Department

Contact: dgansler@suffolk.edu or 617.305.6397

Course: **NEUR 101: Intro to Neuroscience (Section A)**

Course Description: Introduces the field of neuroscience, the study of the organization and function of the nervous system of humans and other animals. Neuroscientists examine how individual neurons function as signaling devices, how groups of neurons operate as circuits to produce fundamental units of behavior, and how much larger systems in the brain subserve complex functions such as memory and consciousness. Topics include the neuron and neural transmission, the overall function and organization of the nervous system, the development of the brain, neural plasticity, sleep, memory and other higher cognitive functions. Normally offered alternate years.

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Supervisor: Prof. Lance Swenson, Psychology Department

Contact: lsvenson@suffolk.edu or 617.994.6874

Course: **PSYCH 114: General Psychology (Section B)**

Course Description: Surveys core theoretical concepts and contemporary empirical research from the major sub-fields of psychology: physiology; perception; cognition; learning; emotion; motivation; development; personality; psychopathology; psychotherapy; and social behavior. Required for psychology majors. Offered every semester.